



**Restriction digests of phage TrixiePhattel DNA, comparing results from standard and microwave-assisted reactions.** For each enzyme, one 25  $\mu$ L reaction was set up in 0.2 mL PCR tubes and run under standard conditions in a thermocycler (“1h”, 1 hour at 37°C with lid at 75°C) and a second reaction was set up in nuclease-free pre-sterilized 1.5 mL tubes and run in a standard commercial microwave (“MW”, 5 cycles of 10 seconds on/10 seconds rest with tubes positioned on the outside of the rotating platform). Enzyme-free controls were set up in 0.2 mL tubes and run in the thermocycler alongside “1h” reactions; results are shown in the first two sample lanes (DNA in nuclease-free water only, “C--”; DNA in 1X CutSmart, “C-“).